

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050523\  
 Data File : PL082552.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2023 15:07  
 Operator : AR\AJ  
 Sample : 02624-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 05 21:19:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.320  | 2.642  | 28415442 | 24979467 | 10.638 | 10.782  |
| 28)                         | SA Decachlor... | 8.736  | 7.751  | 25082139 | 28548318 | 13.138 | 12.507  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 3)                          | MA gamma-BHC... | 0.000  | 3.485  | 0        | 356315   | N.D.   | 0.111 # |
| 4)                          | MA Heptachlor   | 4.706f | 3.811  | 193280   | 101442   | 0.053  | 0.030 # |
| 5)                          | MB Aldrin       | 0.000  | 4.098f | 0        | 699460   | N.D.   | 0.222 # |
| 6)                          | B beta-BHC      | 4.291  | 3.772  | 1021803  | 19923    | 0.599  | 0.015 # |
| 7)                          | B delta-BHC     | 4.535  | 0.000  | 1290198  | 0        | 0.359  | N.D. #  |
| 8)                          | B Heptachlo...  | 0.000  | 4.573  | 0        | 81939    | N.D.   | 0.028 # |
| 9)                          | A Endosulfan I  | 0.000  | 4.971f | 0        | 24667    | N.D.   | 0.009 # |
| 10)                         | B gamma-Chl...  | 5.694  | 4.847  | 1127359  | 1151215  | 0.375  | 0.397   |
| 11)                         | B alpha-Chl...  | 5.776  | 4.884  | 1141100  | 445940   | 0.382  | 0.154 # |
| 12)                         | B 4,4'-DDE      | 5.949  | 5.078  | 23361533 | 20310256 | 9.190  | 8.835   |
| 13)                         | MA Dieldrin     | 6.096  | 5.211  | 442896   | 436365   | 0.161  | 0.162   |
| 14)                         | MA Endrin       | 0.000  | 5.492  | 0        | 680743   | N.D.   | 0.278 # |
| 15)                         | B Endosulfa...  | 6.542  | 5.767f | 178905   | 213197   | 0.073  | 0.095 # |
| 16)                         | A 4,4'-DDD      | 6.471  | 0.000  | 1137879  | 0        | 0.561  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.775  | 5.878  | 3049765  | 4349267  | 1.333  | 2.059 # |
| 18)                         | B Endrin al...  | 0.000  | 5.972  | 0        | 338334   | N.D.   | 0.181 # |
| 19)                         | B Endosulfa...  | 6.887f | 6.173f | 297911   | 857999   | 0.126  | 0.364 # |
| 21)                         | B Endrin ke...  | 7.364f | 6.710f | 382466   | 645200   | 0.160  | 0.254 # |
| 22)                         | Mirex           | 7.852  | 6.856  | 96949    | 61518    | 0.050  | 0.027 # |
| 23)                         | Chlordane-1     | 0.000  | 3.640  | 0        | 226590   | N.D.   | 2.555 # |
| 24)                         | Chlordane-2     | 0.000  | 4.193  | 0        | 337425   | N.D.   | 3.009 # |
| 25)                         | Chlordane-3     | 5.694  | 4.847  | 1127359  | 1151215  | 2.611  | 4.052 # |
| 26)                         | Chlordane-4     | 5.776  | 4.884  | 1141100  | 445940   | 2.195  | 1.494 # |
| 27)                         | Chlordane-5     | 6.600f | 5.767f | 832346   | 213197   | 8.864  | 2.160 # |
| -----                       |                 |        |        |          |          |        |         |

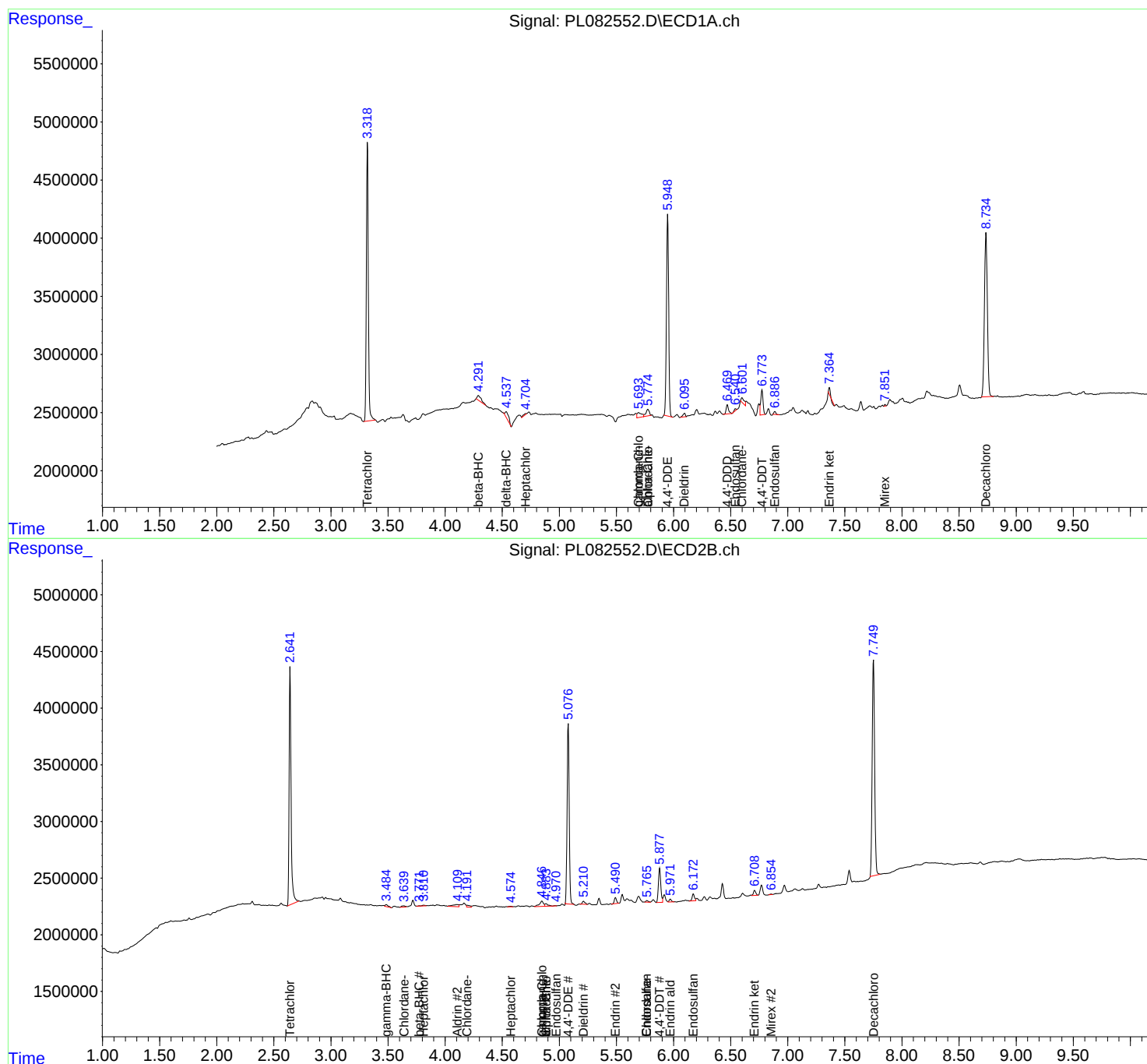
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

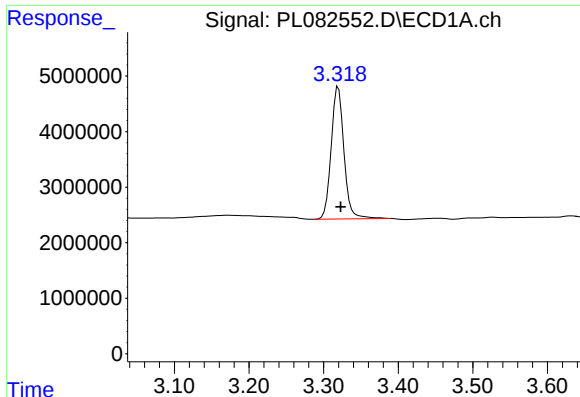
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050523\  
Data File : PL082552.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2023 15:07  
Operator : AR\AJ  
Sample : 02624-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 05 21:19:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

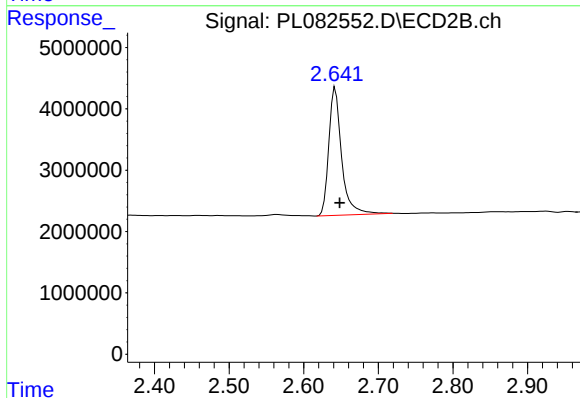




#1 Tetrachloro-m-xylene

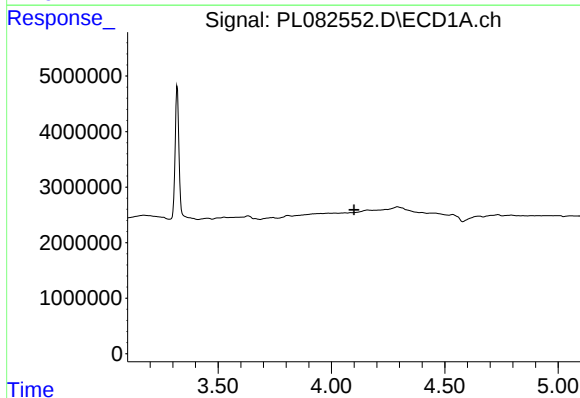
R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 28415442  
Conc: 10.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



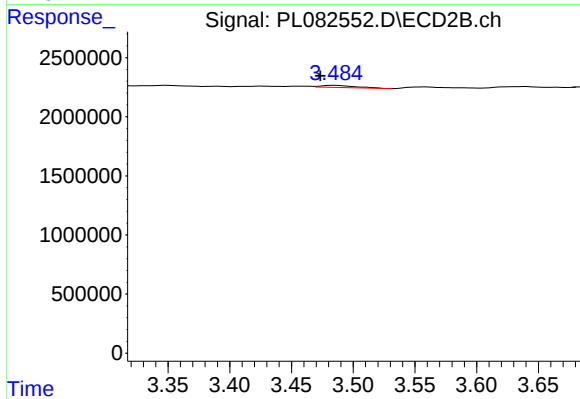
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: -0.006 min  
Response: 24979467  
Conc: 10.78 ng/ml



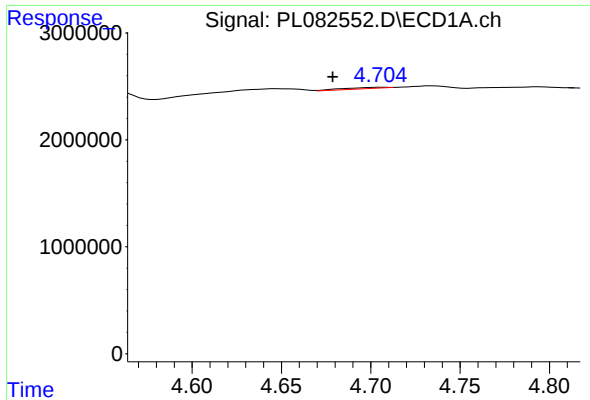
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.100 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

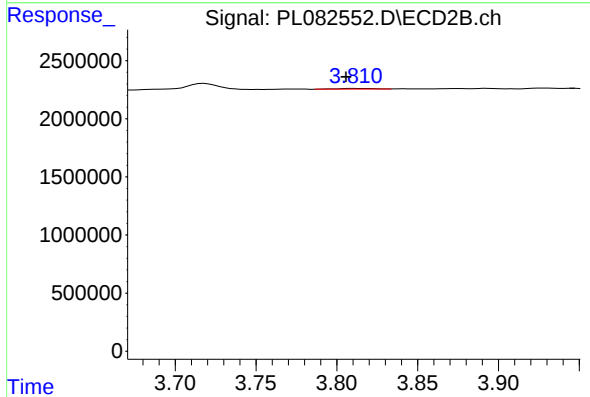
R.T.: 3.485 min  
Delta R.T.: 0.012 min  
Response: 356315  
Conc: 0.11 ng/ml



#4 Heptachlor

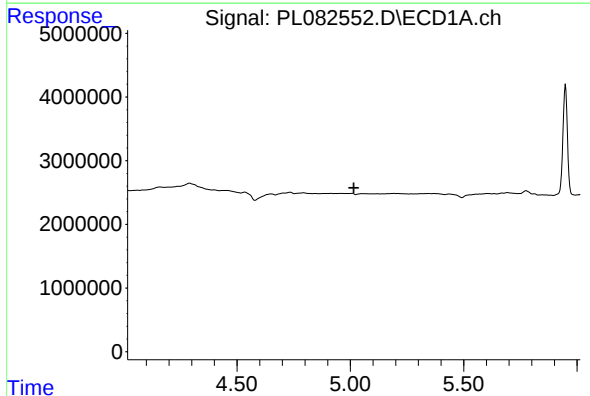
R.T.: 4.706 min  
Delta R.T.: 0.027 min  
Response: 193280  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



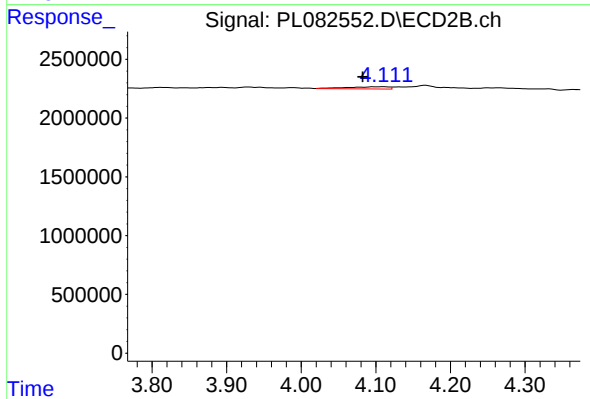
#4 Heptachlor

R.T.: 3.811 min  
Delta R.T.: 0.005 min  
Response: 101442  
Conc: 0.03 ng/ml



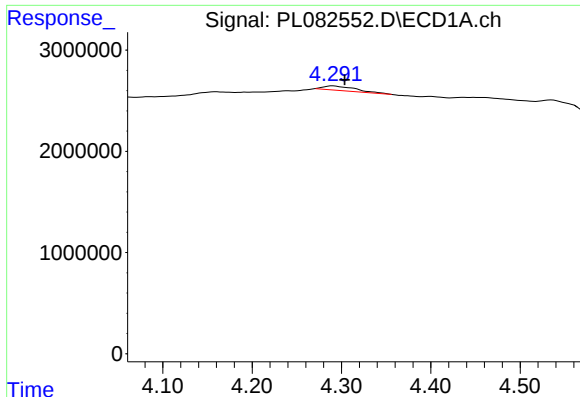
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.016 min  
Response: 0  
Conc: N.D.



#5 Aldrin

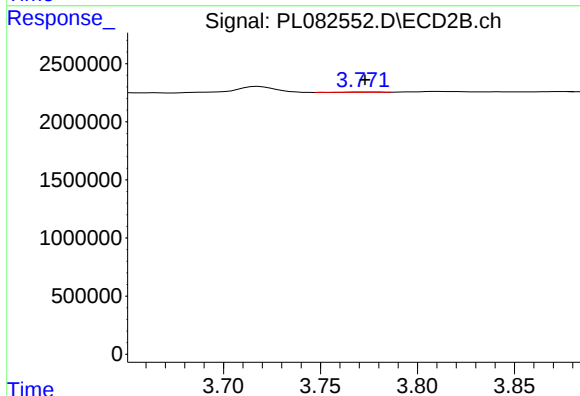
R.T.: 4.098 min  
Delta R.T.: 0.016 min  
Response: 699460  
Conc: 0.22 ng/ml



#6 beta-BHC

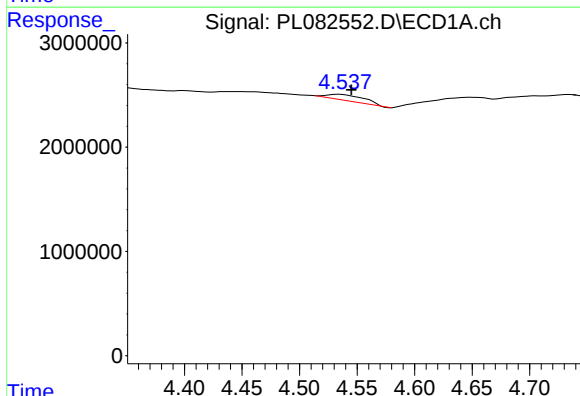
R.T.: 4.291 min  
Delta R.T.: -0.013 min  
Response: 1021803  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



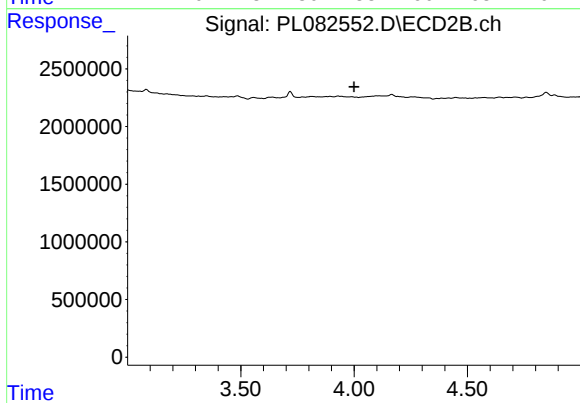
#6 beta-BHC

R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 19923  
Conc: 0.01 ng/ml



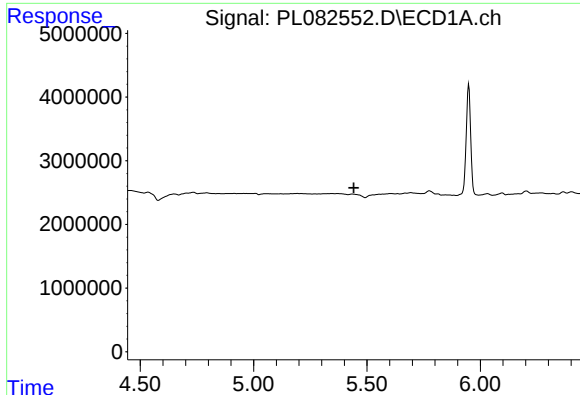
#7 delta-BHC

R.T.: 4.535 min  
Delta R.T.: -0.010 min  
Response: 1290198  
Conc: 0.36 ng/ml



#7 delta-BHC

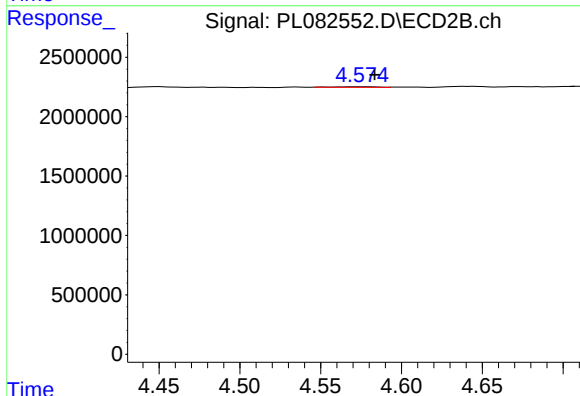
R.T.: 0.000 min  
Exp R.T. : 4.000 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

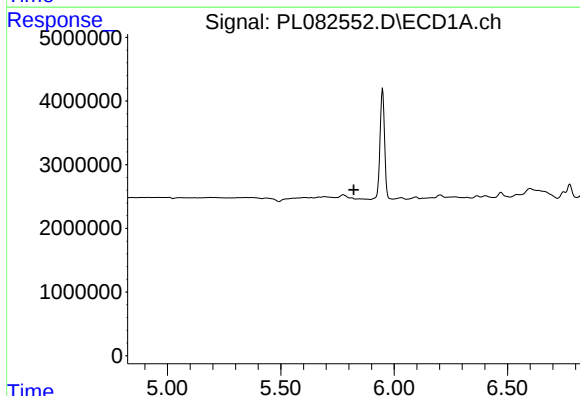
R.T.: 0.000 min  
Exp R.T.: 5.441 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



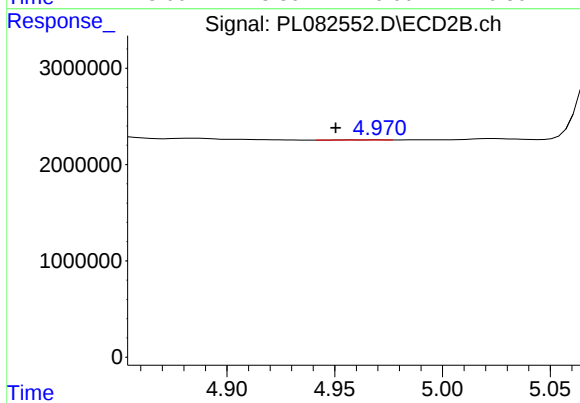
#8 Heptachlor epoxide

R.T.: 4.573 min  
Delta R.T.: -0.010 min  
Response: 81939  
Conc: 0.03 ng/ml



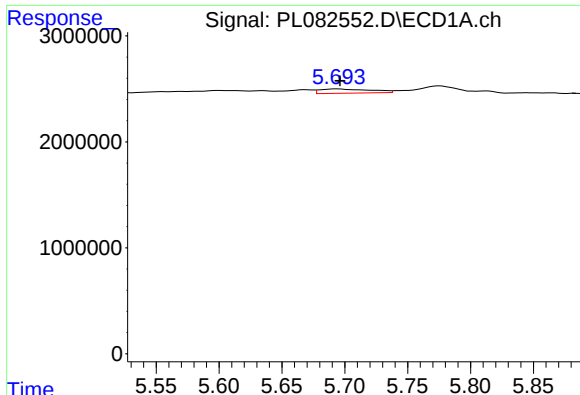
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.822 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

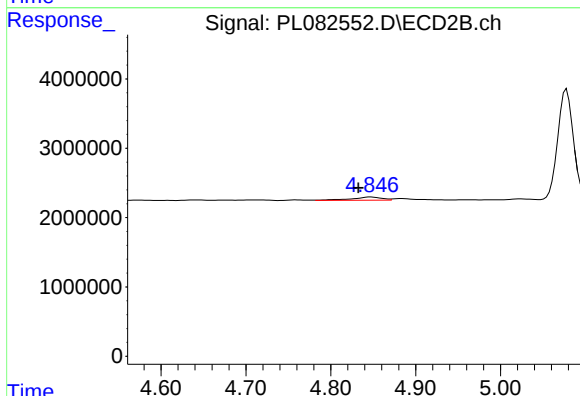
R.T.: 4.971 min  
Delta R.T.: 0.020 min  
Response: 24667  
Conc: 0.01 ng/ml



#10 gamma-Chlordane

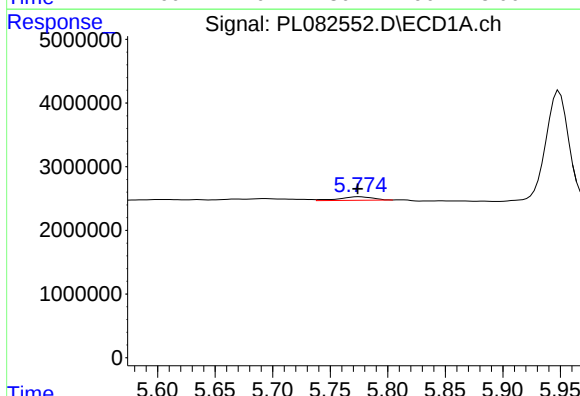
R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 1127359  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



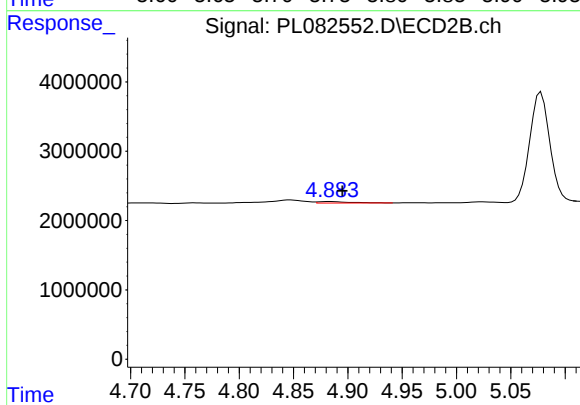
#10 gamma-Chlordane

R.T.: 4.847 min  
Delta R.T.: 0.015 min  
Response: 1151215  
Conc: 0.40 ng/ml



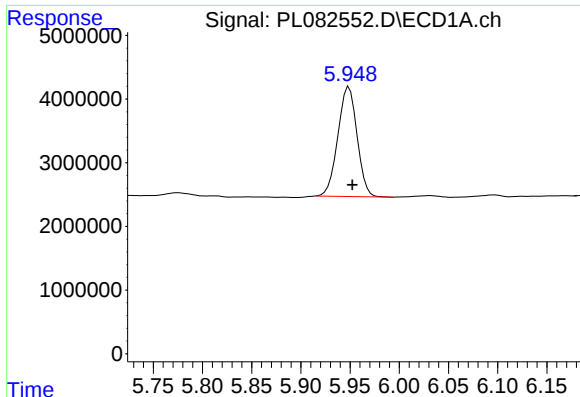
#11 alpha-Chlordane

R.T.: 5.776 min  
Delta R.T.: 0.002 min  
Response: 1141100  
Conc: 0.38 ng/ml



#11 alpha-Chlordane

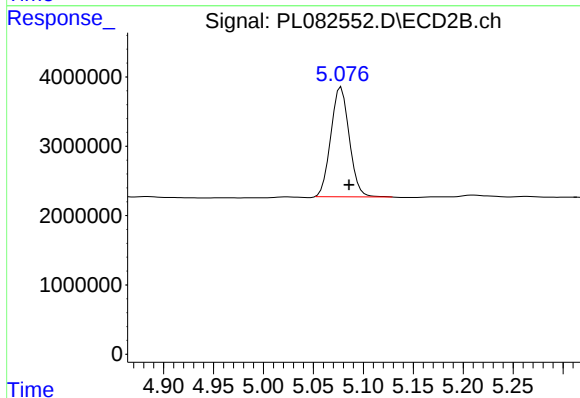
R.T.: 4.884 min  
Delta R.T.: -0.011 min  
Response: 445940  
Conc: 0.15 ng/ml



#12 4,4'-DDE

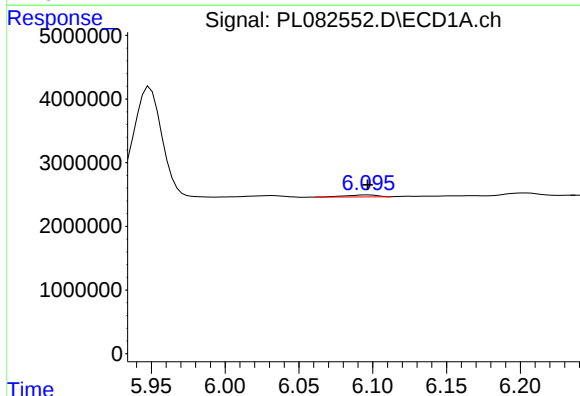
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 23361533  
Conc: 9.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



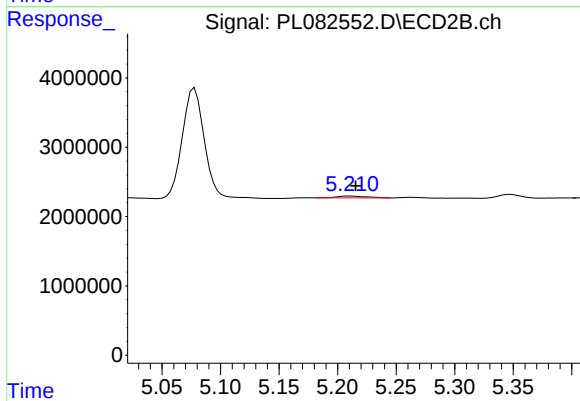
#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: -0.008 min  
Response: 20310256  
Conc: 8.83 ng/ml



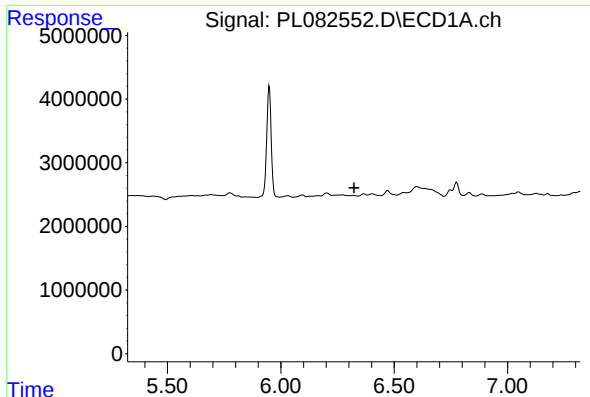
#13 Dieldrin

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 442896  
Conc: 0.16 ng/ml



#13 Dieldrin

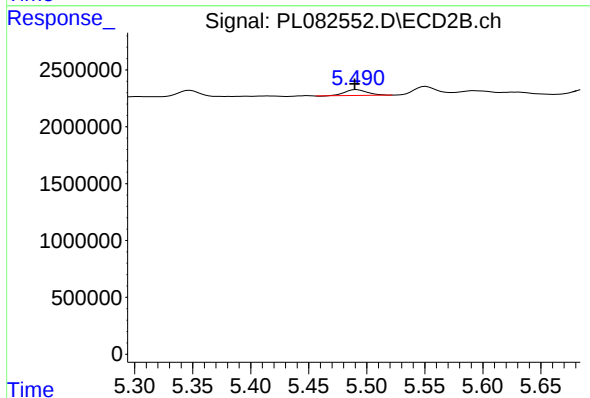
R.T.: 5.211 min  
Delta R.T.: -0.004 min  
Response: 436365  
Conc: 0.16 ng/ml



#14 Endrin

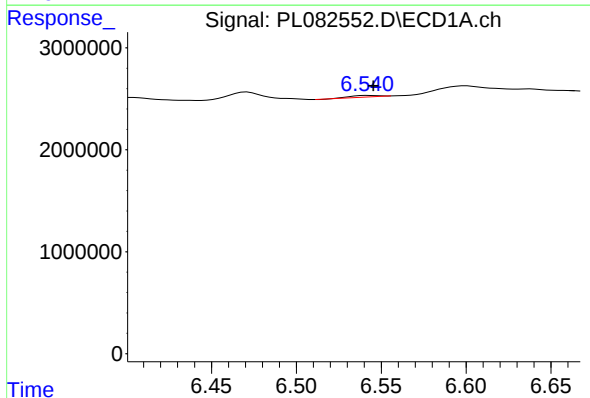
R.T.: 0.000 min  
Exp R.T.: 6.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



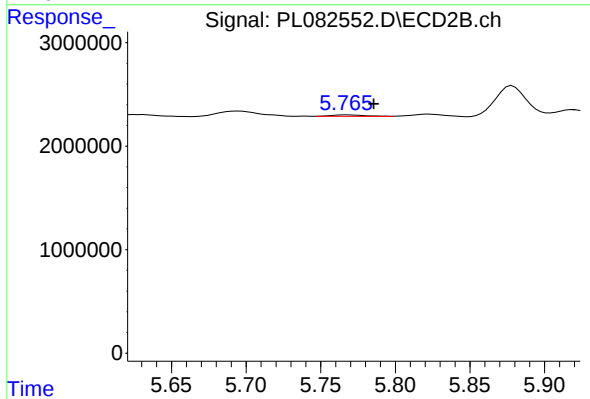
#14 Endrin

R.T.: 5.492 min  
Delta R.T.: 0.002 min  
Response: 680743  
Conc: 0.28 ng/ml



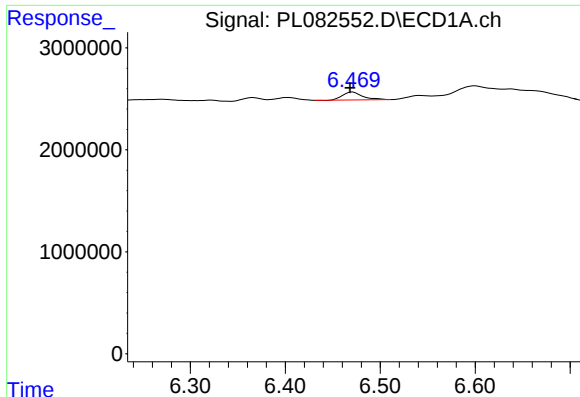
#15 Endosulfan II

R.T.: 6.542 min  
Delta R.T.: -0.004 min  
Response: 178905  
Conc: 0.07 ng/ml



#15 Endosulfan II

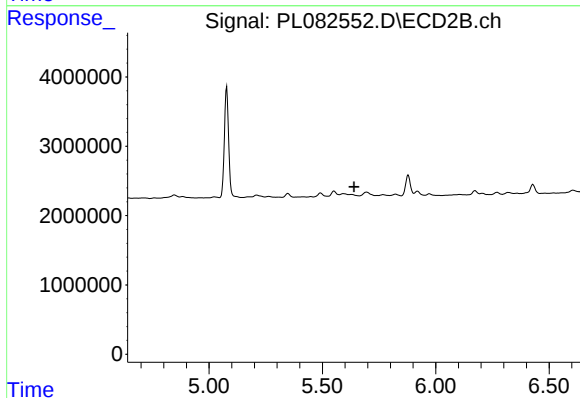
R.T.: 5.767 min  
Delta R.T.: -0.018 min  
Response: 213197  
Conc: 0.09 ng/ml



#16 4,4'-DDD

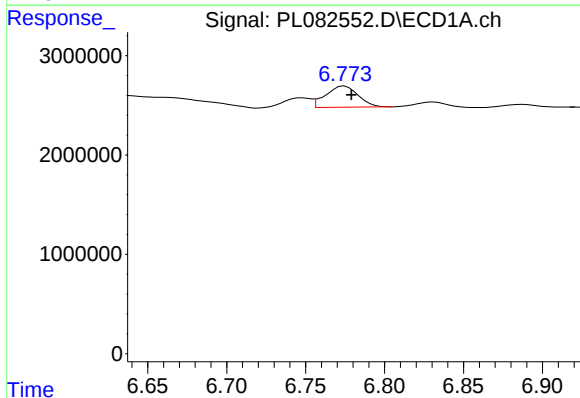
R.T.: 6.471 min  
Delta R.T.: 0.003 min  
Response: 1137879  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



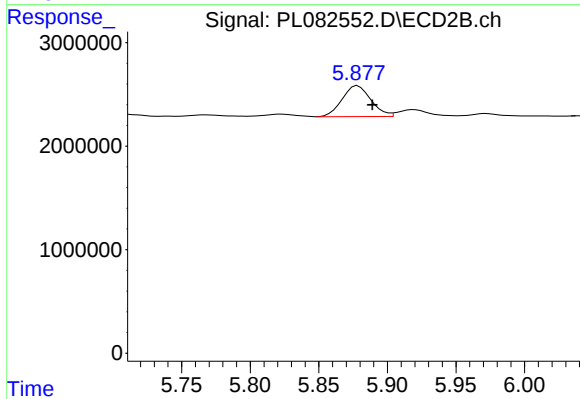
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.640 min  
Response: 0  
Conc: N.D.



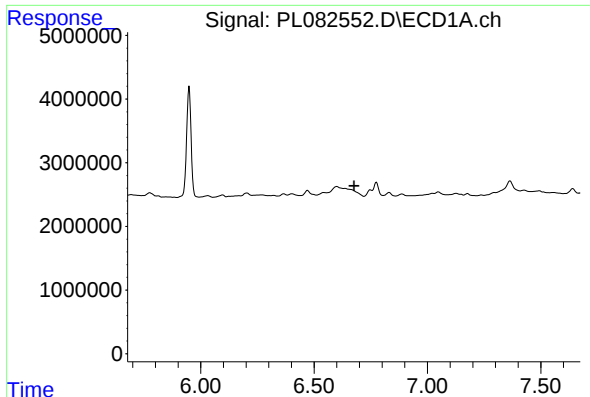
#17 4,4'-DDT

R.T.: 6.775 min  
Delta R.T.: -0.004 min  
Response: 3049765  
Conc: 1.33 ng/ml



#17 4,4'-DDT

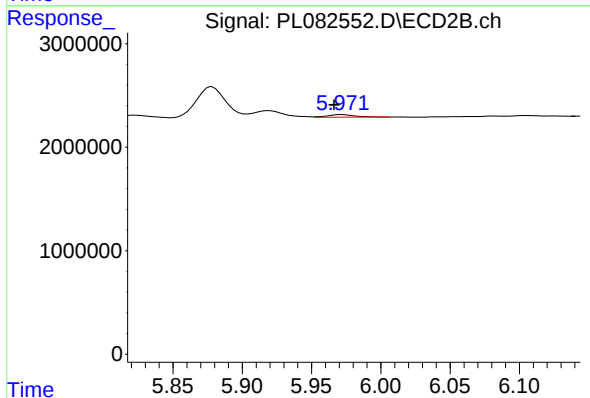
R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 4349267  
Conc: 2.06 ng/ml



#18 Endrin aldehyde

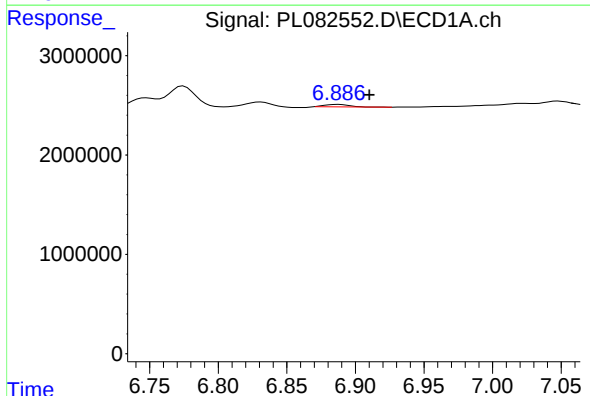
R.T.: 0.000 min  
Exp R.T.: 6.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



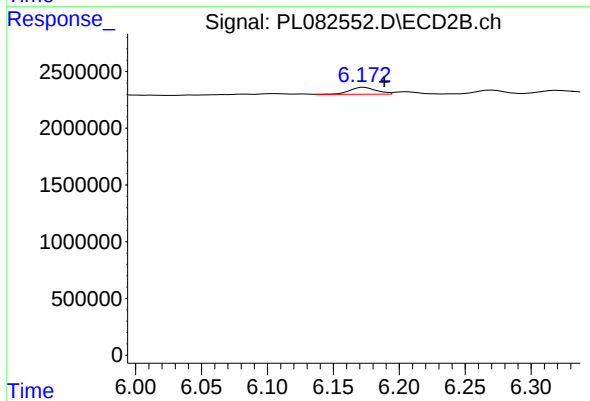
#18 Endrin aldehyde

R.T.: 5.972 min  
Delta R.T.: 0.006 min  
Response: 338334  
Conc: 0.18 ng/ml



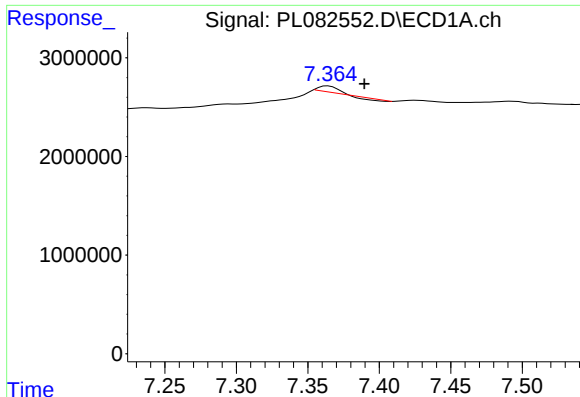
#19 Endosulfan Sulfate

R.T.: 6.887 min  
Delta R.T.: -0.023 min  
Response: 297911  
Conc: 0.13 ng/ml



#19 Endosulfan Sulfate

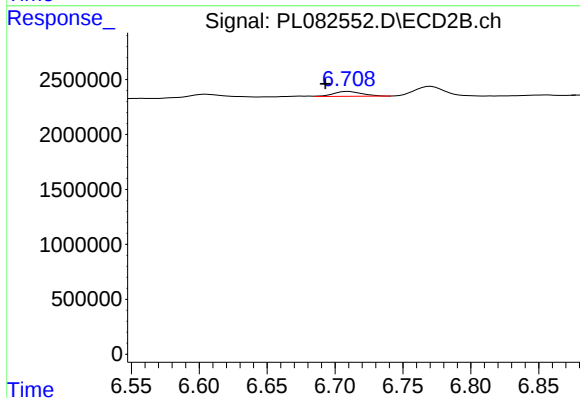
R.T.: 6.173 min  
Delta R.T.: -0.016 min  
Response: 857999  
Conc: 0.36 ng/ml



#21 Endrin ketone

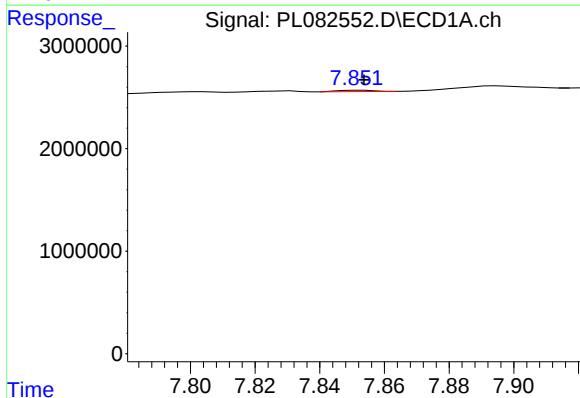
R.T.: 7.364 min  
Delta R.T.: -0.025 min  
Response: 382466  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



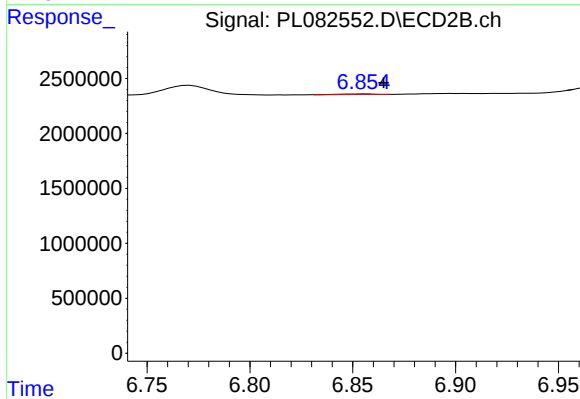
#21 Endrin ketone

R.T.: 6.710 min  
Delta R.T.: 0.017 min  
Response: 645200  
Conc: 0.25 ng/ml



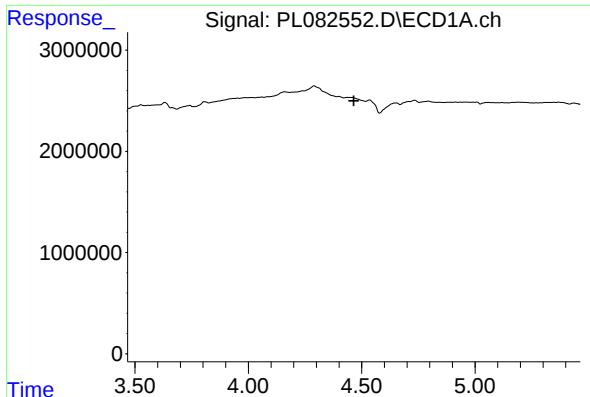
#22 Mirex

R.T.: 7.852 min  
Delta R.T.: -0.001 min  
Response: 96949  
Conc: 0.05 ng/ml



#22 Mirex

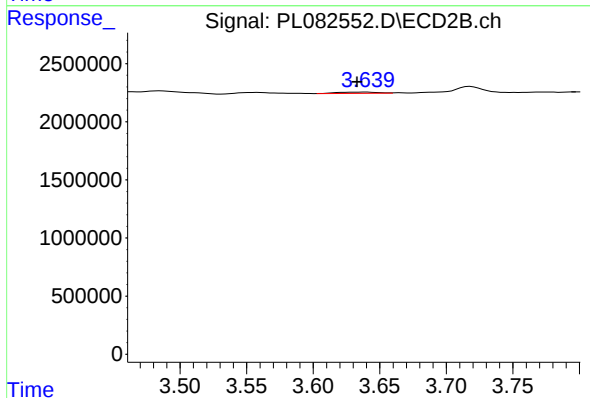
R.T.: 6.856 min  
Delta R.T.: -0.009 min  
Response: 61518  
Conc: 0.03 ng/ml



#23 Chlordane-1

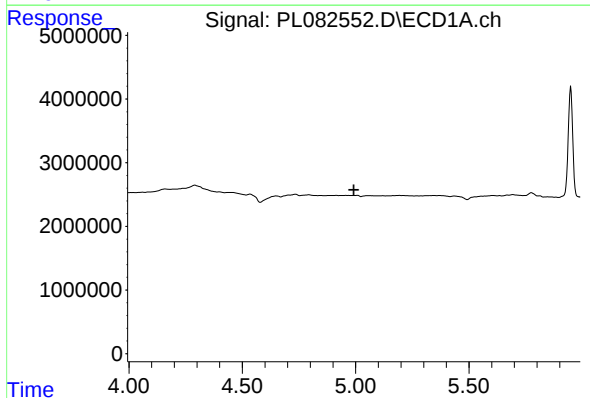
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



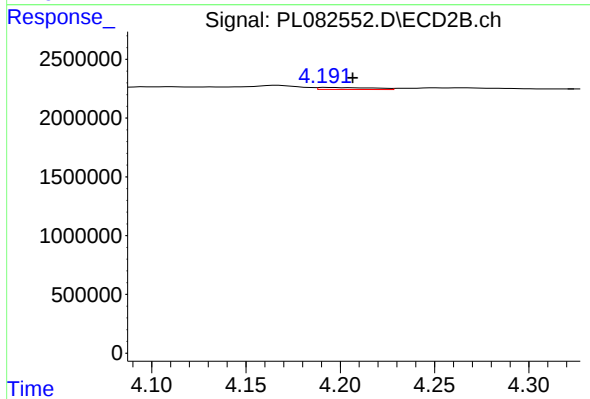
#23 Chlordane-1

R.T.: 3.640 min  
Delta R.T.: 0.007 min  
Response: 226590  
Conc: 2.55 ng/ml



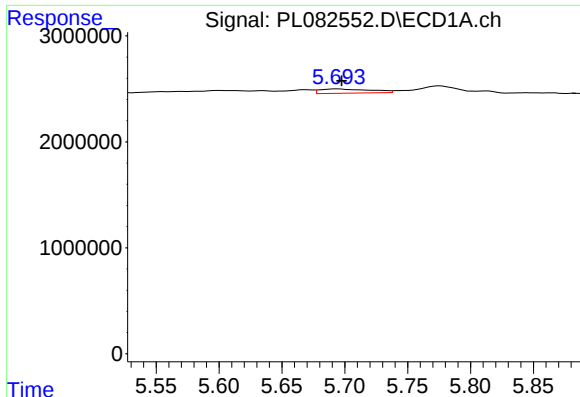
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.992 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

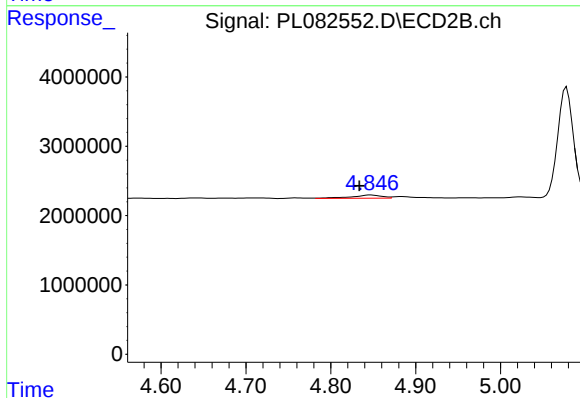
R.T.: 4.193 min  
Delta R.T.: -0.014 min  
Response: 337425  
Conc: 3.01 ng/ml



#25 Chlordane-3

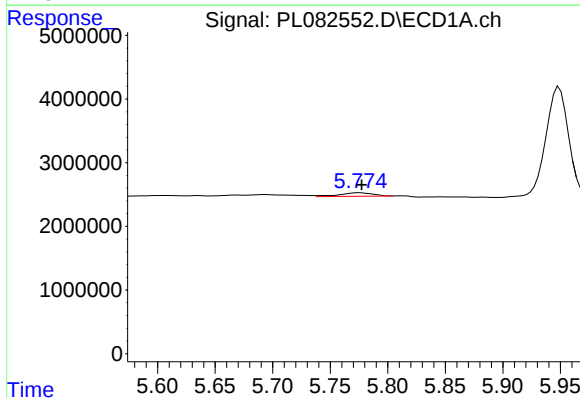
R.T.: 5.694 min  
Delta R.T.: -0.003 min  
Response: 1127359  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



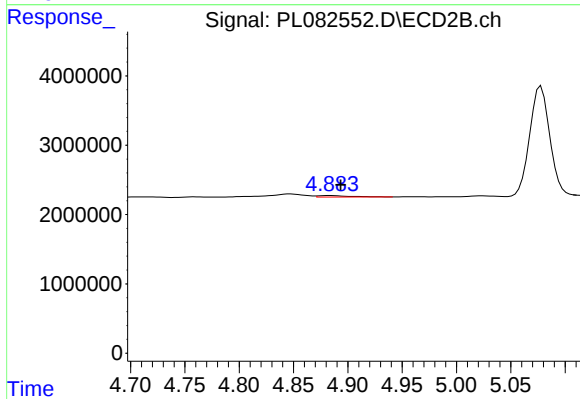
#25 Chlordane-3

R.T.: 4.847 min  
Delta R.T.: 0.014 min  
Response: 1151215  
Conc: 4.05 ng/ml



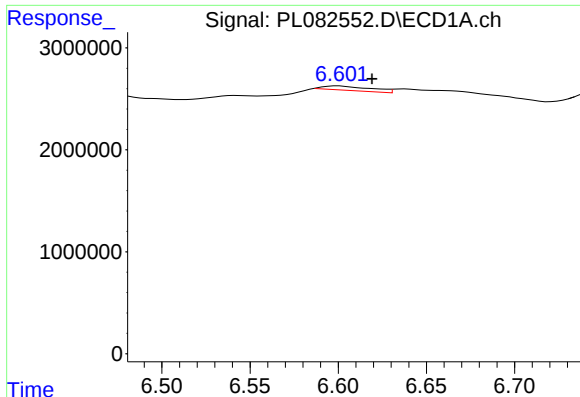
#26 Chlordane-4

R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 1141100  
Conc: 2.19 ng/ml



#26 Chlordane-4

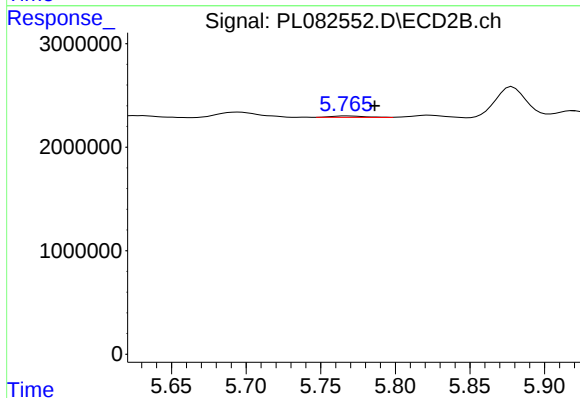
R.T.: 4.884 min  
Delta R.T.: -0.009 min  
Response: 445940  
Conc: 1.49 ng/ml



#27 Chlordane-5

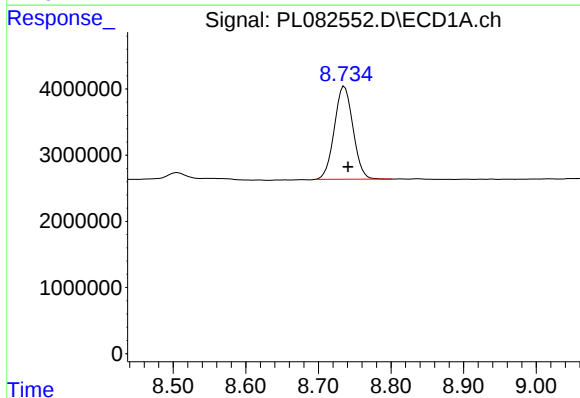
R.T.: 6.600 min  
Delta R.T.: -0.019 min  
Response: 832346  
Conc: 8.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



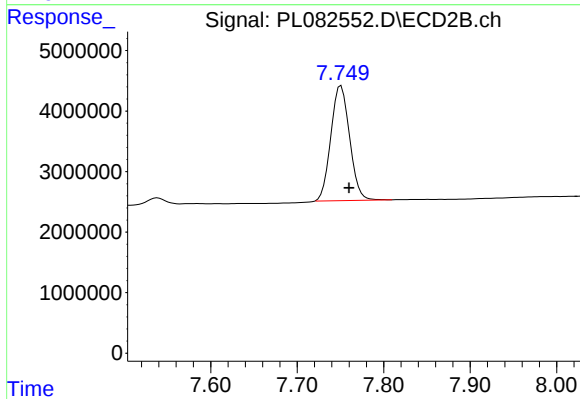
#27 Chlordane-5

R.T.: 5.767 min  
Delta R.T.: -0.019 min  
Response: 213197  
Conc: 2.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min  
Delta R.T.: -0.005 min  
Response: 25082139  
Conc: 13.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.751 min  
Delta R.T.: -0.009 min  
Response: 28548318  
Conc: 12.51 ng/ml